

WHAT IS CLAIMED IS:

1. An open-type tray comprising:
  - a locking device installed at a corresponding portion of a housing and a door to selectively open/close the door installed at a front surface of the housing;
  - a connecting member formed at each of both ends of the door to receive a force for opening the door with the locking device released;
  - a rotary member hinge connected to the connecting member at its one end, of which circular shaped teeth are formed at the other end, and rotatably installed at a side surface of the housing;
  - a resilient member for opening the door by moving the connecting member hinge connected to the rotary member by rotating the rotary member with a recovery force; and
  - a damper member, of which circular shaped teeth for engaging with arc shaped teeth formed at the other end of the rotary member is formed at its periphery, and set to be rotated with a uniform speed.
2. The open-type tray according to claim 1, further comprising a guide protrusion formed at one end of the connecting member in order to guide a moving path of the door moved by the damper member, and
  - a guide rail formed at a housing side surface to guide an insertion of the guide protrusion.
3. The open-type tray according to claim 1, wherein the resilient member is mounted at the rotary member at one end using a coil spring and fixed to the side surface of the housing at the other end to provide a rotational force to the connecting member by a resilient recovering force in the direction of opening the door.
4. The open-type tray according to claim 1, wherein a stopper protrudes from the outer surface of the housing to limit a rotation angle of the rotary member when the door is opened.